

Greg Bevacqua, E.I.T.

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Objective

I am seeking an opportunity to contribute to the success of a great company by aggressively applying my developing skill set in engineering and GIS to opportunities that require a hardworking, innovative thinking, thoughtful professional.

Skill Set

Industry Verticals	Technical	Computer	Personal
<ul style="list-style-type: none">• Problem Solving• Critical Thinking• Engineering• GIS	<ul style="list-style-type: none">• Coordinate Systems• Engineering Design• GIS Analysis & Mapping	<ul style="list-style-type: none">• AutoCAD• Civil3D• ArcGIS• MS Office Suite	<ul style="list-style-type: none">• Team Oriented• People Person• Enthusiastic• Enjoys a Challenge

Professional Experience

Environmental Solutions, Inc.

2012-2013

Engineer and GIS Technician

In this role I was responsible for design and analysis of roadways, hydrology & hydraulic systems, sediment control, and large scale earth moving projects pertaining to coal mines. I also utilized GIS skills to enhance permitting and mapping processes. During my time with ESI I accomplished the following:

- Designed and analyzed a large scale hydrology/hydraulics water resource project; consisting of approximately a 5,000 Acre watershed, over 16 miles of hydraulic ditches, and 12 detention/sedimentation ponds.
- Designed and optimized Post Mine Topography of 24,000,000 CY of overburden cut/fill.
- Utilized ArcGIS to extract and map large quantities of land ownership and oil & gas well data for permitting processes saving the company 2 weeks' worth of administrative and technical work.

Colowyo Coal Company – Tri State GT

2012

Engineer

As an engineer I split my time between the mining and environmental departments. I also did daily survey and inspections in the field. This position was production based and therefore fast and efficient turnover was necessary on projects. In this role I accomplished the following:

- Analyzed multiple water resource systems for upgrade recommendations; including a 6 mile pipeline with 4 lift stations.
- Designed daily drill and blast patterns for ammonium nitrate shots.

State of New Mexico – Mining & Minerals Division**2011**

Engineer & GIS Technician Intern

My role in this internship was split between the abandoned mine program as well as the coal mine regulatory program. My main focus was to gather and organize high volumes of data. I surveyed locations in the field to integrate into large GIS databases. I also participated in construction oversight of abandoned mine shaft closings. In this role I accomplished the following:

- Digitized 20 years of reclamation data from CAD drawing to GIS databases for 4 of the State's largest coal mines.
- Surveyed approximately 50 abandoned mine shafts in remote locations to implement into the States abandoned mine location GIS database.
- Updated 100's of mines history and reclamation data for the department's public website.

Education & Training

University of New Mexico

- B.S. in Civil Engineering

E.I.T. Registration - State of New Mexico

- Engineering Intern Registration
- In the process of transferring the registration to Colorado.

SEDCAD Continuing Education

- 24 hour training on sedimentology of disturbed lands.
- 24 hour training on modeling and analysis of sedimentology using SEDCAD software.

Personal Activities & Interests

- I am currently logging hours towards a private pilots license.
- I enjoy blogging about engineering and how it integrates into my life; my posts can be seen at www.gregbevacqua.com.
- Addicted to mountain activities, yoga, and the gym.
- I volunteer to mentor troubled youths via multiple programs throughout the Denver area.